**Nitrogen & Carbon Board Games**

*2.5.4 Describe and explain the transfer and transformation of materials as they cycle within an ecosystem.*

In pairs, you will create board games to show either the Nitrogen cycle or the carbon cycle. The following terms/processes must be included.

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| **Carbon Cycle** |  | **Nitrogen Cycle** |
| Producers | Producers |
| Consumers | Consumers |
| Ocean | Atmosphere |
| Sediment | Nitrogen-fixing Bacteria |
| Soil | Nitrogen Fixation |
| Fossil Fuels | Decomposition |
| Atmosphere | Assimilation |
| Forest | Denitrification |
| Photosynthesis | Nitrification |
| Lightening |
| Combustion |
| Legumes |
| Decomposition |
| Fertilizers |
| Cellular Respiration |